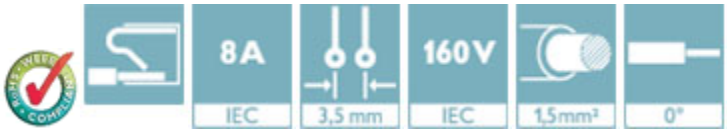
Printed-circuit board connector - IFMC 1,5/ 5-ST-3,5 - 1844015

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	3.2 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	24.6 mm
Height	7.8 mm
Pitch	3.50 mm
Dimension a	14 mm

General

Range of articles	IFMC 1,5/..-ST
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V

Printed-circuit board connector - IFMC 1,5/ 5-ST-3,5 - 1844015

Technical data

General

Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1.5 mm²
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	10 mm
Number of positions	5

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

Standards and Regulations

Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27261101
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 5.0	EC002637

Printed-circuit board connector - IFMC 1,5/ 5-ST-3,5 - 1844015

Approvals

Approvals

Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / EAC

Ex Approvals

Approvals submitted

Approval details

cULus Recognized		
	B	C
mm²/AWG/kcmil	24-16	24-16
Nominal current IN	8 A	8 A
Nominal voltage UN	150 V	50 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.2-1.5
Nominal current IN	8 A
Nominal voltage UN	160 V

IECEE CB Scheme

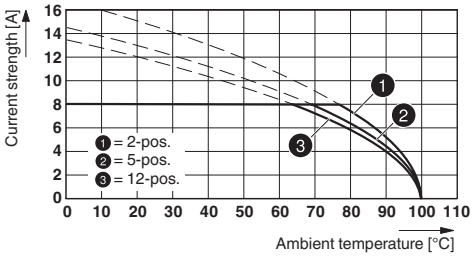
mm²/AWG/kcmil	0.2-1.5
Nominal current IN	8 A
Nominal voltage UN	160 V

EAC

Drawings

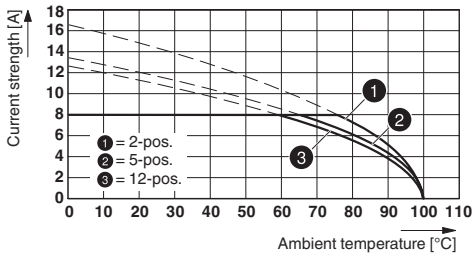
Printed-circuit board connector - IFMC 1,5/ 5-ST-3,5 - 1844015

Diagram



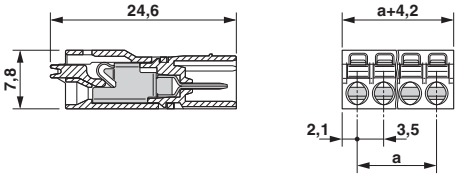
Type: FMC 1,5/...-ST-3,5 with IFMC 1,5/...-ST-3,5

Diagram



Type: IFMC 1,5/...-ST-3,5 with IMC 1,5/...-G-3,5 P20 THR

Dimensional drawing



Phoenix Contact 2016 © - all rights reserved
http://www.phoenixcontact.com